GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:3605
ANSWERED ON:25.08.2006
HYDRO POWER POTENTIAL
Chinta Mohan Dr. ;Mahtab Shri Bhartruhari;Singh Smt. Pratibha

Will the Minister of POWER be pleased to state:

(a) whether the government has assessed the tapped and untapped hydro power potential in the country;

(b) if so, the details thereof, State-wise;

(c) whether any efforts have been made by the Government for harnessing the untapped hydro power potential; and

(d) if so, the details thereof?

Answer

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE)

(a) & (b) : Yes, Sir. As per re-assessment studies conducted by Central Electricity Authority (CEA) in 1987, the hydro power potential of the country has been assessed at 84,044 MW at 60% load factor which when fully developed would result in an installed capacity of about 1,48,700 MW. Presently, 16506.85 MW at 60% load factor which is 19.64% of the total potential, has been developed and another 4333.73 MW which is

5.16% of the total potential, is under development. Thus about 75.20% of the potential is yet to be developed. Status of State wise Hydro Electric Potential development in the country in terms of potential at 60% load factor is given in Annex.

(c) & (d) : The Govt. has accorded high priority for hydro power development. Various measures taken by the Govt. to harness the untapped hydro potential are:

i) Creation of Central Power Corporations for development of hydro power projects

ii) A Ranking study by CEA of the hydro schemes.

iii) A 50,000 MW Hydroelectric Initiative for preparing pre-feasibility reports of 162 hydro electric schemes.

iv) A streamlined three stage clearance procedure for development of hydro projects by CPSUs.

v) Announced a National water policy which lays more emphasis on hydro generation.

vi) Announced a National Policy on Resettlement and Rehabilitation for project affected families to streamline R&R issues related to hydro projects also.

vii) Enactment of Electricity Act, 2003 to liberalize the power development.

viii) Policy Liberalization to attract private investments in hydro power development.

ix) An advance action in identifying hydro projects for capacity addition in the 11th Plan and beyond.